RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/602,394

Source: IFWD

Date Processed by STIC: 12/2/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.2 PROGRAM,** ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
   http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04): U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 10/602,394

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1 _____ Wrapped Nucleics
Wrapped Aminos

The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2 _____ Invalid Line Length

The rules require that a line not exceed 72 characters in length. This includes white spaces.

3 _____ Misaligned Amino
Numbering

The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4 _____ Non-ASCII

The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5 _____ Variable Length

Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing

6 _____ PatentIn 2.0
"bug"

A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.

7 _____ Skipped Sequences
(OLD RULES)

Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence
(2) INFORMATION FOR SEQ ID NO X (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION SEQ ID NO X (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES" response to include the skipped sequences

8 _____ Skipped Sequences
(NEW RULES)

Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence
<210> sequence id number
<400> sequence id number
000

9 _____ Use of n's or Xaa's
(NEW RULES)

Use of n's and/or Xaa's have been detected in the Sequence Listing
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents

10 _____ Invalid <213>
Response

Per 1.823 of Sequence Rules, the only valid <213> responses are Unknown, Artificial Sequence, or scientific name (Genus/species) <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence

11 _____ Use of <220>

Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 00/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

12 _____ PatentIn 2.0
"bug"

Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13 _____ Misuse of n/Xaa

"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid

AMC – Biotechnology Systems Branch – 09/09/2003

IFWO

RAW SEQUENCE LISTING   DATE: 12/02/2004
PATENT APPLICATION: US/10/602,394   TIME: 13:02:07

Input Set : A:\UF-375.ST25.txt
Output Set: N:\CRF4\12022004\J602394.raw

  3 <110> APPLICANT: Haskell-Luevano, Carrie
  5 <120> TITLE OF INVENTION: Novel Melanocortin Receptor Peptide Template for the
Treatment of
  6   Obesity
  8 <130> FILE REFERENCE: UF-375
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/602,394
C--> 10 <141> CURRENT FILING DATE: 2003-06-23
 10 <160> NUMBER OF SEQ ID NOS: 43
 12 <170> SOFTWARE: PatentIn version 3.2
 14 <210> SEQ ID NO: 1
 15 <211> LENGTH: 12
 16 <212> TYPE: PRT
 17 <213> ORGANISM: Artificial Sequence
 19 <220> FEATURE:
 20 <223> OTHER INFORMATION: chimeric peptide
 23 <220> FEATURE:
 24 <221> NAME/KEY: MISC_FEATURE
 25 <222> LOCATION: (2)..(2)
 26 <223> OTHER INFORMATION: Xaa in this location represents the cyclization of this
peptide
 27   (begin)
 29 <220> FEATURE:
 30 <221> NAME/KEY: MISC_FEATURE
 31 <222> LOCATION: (6)..(6)
 32 <223> OTHER INFORMATION: Xaa = DPhe
 34 <220> FEATURE:
 35 <221> NAME/KEY: MISC_FEATURE
 36 <222> LOCATION: (11)..(11)
 37 <223> OTHER INFORMATION: Xaa in this location represents the cyclization of this
peptide
 38   (end)
 40 <400> SEQUENCE: 1
W--> 42 Tyr Xaa Cys Arg Phe Xaa Asn Ala Phe Cys Xaa Tyr
 43 1   5   10
 46 <210> SEQ ID NO: 2
 47 <211> LENGTH: 12
 48 <212> TYPE: PRT
 49 <213> ORGANISM: Artificial Sequence
 51 <220> FEATURE:
 52 <223> OTHER INFORMATION: chimeric peptide
 55 <220> FEATURE:
 56 <221> NAME/KEY: MISC_FEATURE
 57 <222> LOCATION: (2)..(2)
 58 <223> OTHER INFORMATION: Xaa in this location represents the cyclization of this

(pg. 7)

Does Not Comply
Corrected Diskette Needed
(pg. 1-6)

Invalid Response

Invalid Response

"Xaa" FYI: CAN only represent a single amino acid.

See item #13 on error summary sheet.

Invalid Response

peptide
    59   (begin)
    61 <220> FEATURE:

```
RAW SEQUENCE LISTING              DATE: 12/02/2004
PATENT APPLICATION:  US/10/602,394    TIME: 13:02:07

     Input Set : A:\UF-375.ST25.txt
     Output Set: N:\CRF4\12022004\J602394.raw
```

[handwritten: ✓ See item #13 on error summary sheet]

```
 62 <221> NAME/KEY: MISC_FEATURE
 63 <222> LOCATION: (10)..(10)
 64 <223> OTHER INFORMATION: Xaa = diaminoproprionic acid (Dpr)
 66 <220> FEATURE:
 67 <221> NAME/KEY: MISC_FEATURE
 68 <222> LOCATION: (11)..(11)
 69 <223> OTHER INFORMATION: Xaa in this location represents the cyclization of this
peptide
 70         (end)
```

[handwritten: Invalid Response]

```
 72 <400> SEQUENCE: 2
W--> 74 Tyr Xaa Asp Ala Ala Ala Asn Ala Phe Xaa Xaa Tyr
 75 1               5                   10
 78 <210> SEQ ID NO: 3
 79 <211> LENGTH: 12
 80 <212> TYPE: PRT
 81 <213> ORGANISM: Artificial Sequence
 83 <220> FEATURE:
 84 <223> OTHER INFORMATION: chimeric peptide
 87 <220> FEATURE:
 88 <221> NAME/KEY: MISC_FEATURE
 89 <222> LOCATION: (2)..(2)
 90 <223> OTHER INFORMATION: Xaa in this location represents the cyclization of this
peptide
 91         (begin)
```

[handwritten: Invalid response]

```
 93 <220> FEATURE:
 94 <221> NAME/KEY: MISC_FEATURE
 95 <222> LOCATION: (10)..(10)
 96 <223> OTHER INFORMATION: Xaa = diaminoproprionic acid (Dpr)
 98 <220> FEATURE:
 99 <221> NAME/KEY: MISC_FEATURE
100 <222> LOCATION: (11)..(11)
101 <223> OTHER INFORMATION: Xaa in this location represents the cyclization of this
peptide
102         (end)
```

[handwritten: Invalid response]

```
104 <400> SEQUENCE: 3
W--> 106 Tyr Xaa Asp Arg Phe Phe Asn Ala Phe Xaa Xaa Tyr
107 1               5                   10
110 <210> SEQ ID NO: 4
111 <211> LENGTH: 12
112 <212> TYPE: PRT
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: chimeric peptide
119 <220> FEATURE:
120 <221> NAME/KEY: MISC_FEATURE
121 <222> LOCATION: (2)..(2)
122 <223> OTHER INFORMATION: Xaa in this location represents the cyclization of this
peptide
123         (begin)
```

[handwritten: Invalid Response]

```
125 <220> FEATURE:
126 <221> NAME/KEY: MISC_FEATURE
127 <222> LOCATION: (10)..(10)
128 <223> OTHER INFORMATION: Xaa = diaminoproprionic acid (Dpr)
```

See item #13 on error summary sheet.

```
130 <220> FEATURE:
131 <221> NAME/KEY: MISC_FEATURE
132 <222> LOCATION: (11)..(11)
133 <223> OTHER INFORMATION: Xaa in this location represents the cyclization of this
peptide
134         (end)
136 <400> SEQUENCE: 4
```
Invalid response
```
W--> 138 Tyr Xaa Asp Trp Arg Phe Asn Ala Phe Xaa Xaa Tyr
139 1           5                   10
142 <210> SEQ ID NO: 5
143 <211> LENGTH: 12
144 <212> TYPE: PRT
145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: chimeric peptide
151 <220> FEATURE:
152 <221> NAME/KEY: MISC_FEATURE
153 <222> LOCATION: (2)..(2)
154 <223> OTHER INFORMATION: Xaa in this location represents the cyclization of this
peptide
155         (begin)
157 <220> FEATURE:
158 <221> NAME/KEY: MISC_FEATURE
159 <222> LOCATION: (6)..(6)
160 <223> OTHER INFORMATION: Xaa = DPhe
162 <220> FEATURE:
163 <221> NAME/KEY: MISC_FEATURE
164 <222> LOCATION: (10)..(10)
165 <223> OTHER INFORMATION: Xaa = diaminoproprionic acid (Dpr)
167 <220> FEATURE:
168 <221> NAME/KEY: MISC_FEATURE
169 <222> LOCATION: (11)..(11)
170 <223> OTHER INFORMATION: Xaa in this location represents the cyclization of this
peptide
171         (end)
173 <400> SEQUENCE: 5
```
Invalid response
```
W--> 175 Tyr Xaa Asp Trp Arg Xaa Asn Ala Phe Xaa Xaa Tyr
176 1           5                   10
179 <210> SEQ ID NO: 6
180 <211> LENGTH: 12
181 <212> TYPE: PRT
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: chimeric peptide
188 <220> FEATURE:
189 <221> NAME/KEY: MISC_FEATURE
190 <222> LOCATION: (2)..(2)
191 <223> OTHER INFORMATION: Xaa in this location represents the cyclization of this
peptide
192         (begin)
194 <220> FEATURE:
195 <221> NAME/KEY: MISC_FEATURE
196 <222> LOCATION: (10)..(10)
```
Invalid response

RAW SEQUENCE LISTING   DATE: 12/02/2004
PATENT APPLICATION: US/10/602,394   TIME: 13:02:07

Input Set : A:\UF-375.ST25.txt
Output Set: N:\CRF4\12022004\J602394.raw

√SAMe errors (handwritten)

```
     197 <223> OTHER INFORMATION: Xaa = diaminoproprionic acid (Dpr)
     199 <220> FEATURE:
     200 <221> NAME/KEY: MISC_FEATURE
     201 <222> LOCATION: (11)..(11)
     202 <223> OTHER INFORMATION: Xaa in this location represents the cyclization of this
peptide
     203       (end)
     205 <400> SEQUENCE: 6
W--> 207 Tyr Xaa Asp Phe Arg Trp Asn Ala Phe Xaa Xaa Tyr
     208 1               5                   10
     211 <210> SEQ ID NO: 7
     212 <211> LENGTH: 12
     213 <212> TYPE: PRT
     214 <213> ORGANISM: Artificial Sequence
     216 <220> FEATURE:
     217 <223> OTHER INFORMATION: chimeric peptide
     220 <220> FEATURE:
     221 <221> NAME/KEY: MISC_FEATURE
     222 <222> LOCATION: (2)..(2)
     223 <223> OTHER INFORMATION: Xaa in this location represents the cyclization of this
peptide
     224       (begin)
     226 <220> FEATURE:
     227 <221> NAME/KEY: MISC_FEATURE
     228 <222> LOCATION: (4)..(4)
     229 <223> OTHER INFORMATION: Xaa = DPhe
     231 <220> FEATURE:
     232 <221> NAME/KEY: MISC_FEATURE
     233 <222> LOCATION: (10)..(10)
     234 <223> OTHER INFORMATION: Xaa = diaminoproprionic acid (Dpr)
     236 <220> FEATURE:
     237 <221> NAME/KEY: MISC_FEATURE
     238 <222> LOCATION: (11)..(11)
     239 <223> OTHER INFORMATION: Xaa in this location represents the cyclization of this
peptide
     240       (end)
     242 <400> SEQUENCE: 7
W--> 244 Tyr Xaa Asp Xaa Arg Trp Asn Ala Phe Xaa Xaa Tyr
     245 1               5                   10
     248 <210> SEQ ID NO: 8
     249 <211> LENGTH: 13
     250 <212> TYPE: PRT
     251 <213> ORGANISM: Artificial Sequence
     253 <220> FEATURE:
     254 <223> OTHER INFORMATION: chimeric peptide
     257 <220> FEATURE:
     258 <221> NAME/KEY: MISC_FEATURE
     259 <222> LOCATION: (2)..(2)
     260 <223> OTHER INFORMATION: Xaa in this location represents the cyclization of this
peptide
     261       (begin)
     263 <220> FEATURE:
     264 <221> NAME/KEY: MISC_FEATURE
```

See item #13 on error summary sheet. (handwritten)

RAW SEQUENCE LISTING   DATE: 12/02/2004
PATENT APPLICATION: US/10/602,394   TIME: 13:02:07

Input Set : A:\UF-375.ST25.txt
Output Set: N:\CRF4\12022004\J602394.raw

(handwritten: ✓ same errors)

```
265 <222> LOCATION: (11)..(11)
266 <223> OTHER INFORMATION: Xaa = diaminoproprionic acid (Dpr)
268 <220> FEATURE:
269 <221> NAME/KEY: MISC_FEATURE
270 <222> LOCATION: (12)..(12)
271 <223> OTHER INFORMATION: Xaa in this location represents the cyclization of this
    peptide
272         (end)
274 <400> SEQUENCE: 8
```
W--> 276 **Tyr Xaa Asp His Arg Phe Phe Asn Ala Phe Xaa Xaa Tyr**
```
277 1             5               10
```

(handwritten: See item #13 on error summary sheet.)

```
280 <210> SEQ ID NO: 9
281 <211> LENGTH: 13
282 <212> TYPE: PRT
283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: chimeric peptide
289 <220> FEATURE:
290 <221> NAME/KEY: MISC_FEATURE
291 <222> LOCATION: (2)..(2)
292 <223> OTHER INFORMATION: Xaa in this location represents the cyclization of this
    peptide
293         (begin)
295 <220> FEATURE:
296 <221> NAME/KEY: MISC_FEATURE
297 <222> LOCATION: (11)..(11)
298 <223> OTHER INFORMATION: Xaa = diaminoproprionic acid (Dpr)
300 <220> FEATURE:
301 <221> NAME/KEY: MISC_FEATURE
302 <222> LOCATION: (12)..(12)
303 <223> OTHER INFORMATION: Xaa in this location represents the cyclization of this
    peptide
304         (end)
306 <400> SEQUENCE: 9
```
W--> 308 **Tyr Xaa Asp His Phe Arg Trp Asn Ala Phe Xaa Xaa Tyr**
```
309 1             5               10
312 <210> SEQ ID NO: 10
313 <211> LENGTH: 13
314 <212> TYPE: PRT
315 <213> ORGANISM: Artificial Sequence
317 <220> FEATURE:
318 <223> OTHER INFORMATION: chimeric peptide
321 <220> FEATURE:
322 <221> NAME/KEY: MISC_FEATURE
323 <222> LOCATION: (2)..(2)
324 <223> OTHER INFORMATION: Xaa in this location represents the cyclization of this
    peptide
325         (begin)
327 <220> FEATURE:
328 <221> NAME/KEY: MISC_FEATURE
329 <222> LOCATION: (5)..(5)
330 <223> OTHER INFORMATION: Xaa = DPhe
332 <220> FEATURE:
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 12/02/2004
PATENT APPLICATION: US/10/602,394   TIME: 13:02:08

Input Set : A:\UF-375.ST25.txt
Output Set: N:\CRF4\12022004\J602394.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

```
Seq#:1; Xaa Pos. 2,6,11
Seq#:2; Xaa Pos. 2,10,11
Seq#:3; Xaa Pos. 2,10,11
Seq#:4; Xaa Pos. 2,10,11
Seq#:5; Xaa Pos. 2,6,10,11
Seq#:6; Xaa Pos. 2,10,11
Seq#:7; Xaa Pos. 2,4,10,11
Seq#:8; Xaa Pos. 2,11,12
Seq#:9; Xaa Pos. 2,11,12
Seq#:10; Xaa Pos. 2,5,11,12
Seq#:11; Xaa Pos. 1,5,7,15,16
Seq#:12; Xaa Pos. 1,5
Seq#:13; Xaa Pos. 1,5
Seq#:14; Xaa Pos. 1,5
Seq#:15; Xaa Pos. 1,5
Seq#:16; Xaa Pos. 1,5,8
Seq#:17; Xaa Pos. 1,5,9
Seq#:18; Xaa Pos. 1,5,10
Seq#:19; Xaa Pos. 1,2,3,10
Seq#:20; Xaa Pos. 1,2,3,10
Seq#:21; Xaa Pos. 1,2,3,6,10
Seq#:22; Xaa Pos. 1,2,3,7,10
Seq#:23; Xaa Pos. 1,2,3,8,10
Seq#:24; Xaa Pos. 2,5,11,12
Seq#:25; Xaa Pos. 2,11,12
Seq#:26; Xaa Pos. 2,5,11,12
Seq#:27; Xaa Pos. 2,5,11,12
Seq#:28; Xaa Pos. 2,5,11,12
Seq#:29; Xaa Pos. 2,5,11,12
Seq#:30; Xaa Pos. 2,4,5,11,12
Seq#:31; Xaa Pos. 2,11,12
Seq#:32; Xaa Pos. 2,5,11,12
Seq#:33; Xaa Pos. 2,5,11,12
Seq#:34; Xaa Pos. 2,5,11,12
Seq#:35; Xaa Pos. 2,5,11,12
Seq#:36; Xaa Pos. 2,5,11,12
Seq#:37; Xaa Pos. 2,5,11,12
Seq#:38; Xaa Pos. 2,5,11,12
Seq#:39; Xaa Pos. 2,5,7,11,12
Seq#:40; Xaa Pos. 2,5,7,11,12
Seq#:41; Xaa Pos. 2,5,7,11,12
Seq#:42; Xaa Pos. 2,5,7,11,12
Seq#:43; Xaa Pos. 2,5,10,11,12
```

VERIFICATION SUMMARY   DATE: 12/02/2004
PATENT APPLICATION: **US/10/602,394**   TIME: 13:02:08

Input Set : **A:\UF-375.ST25.txt**
Output Set: **N:\CRF4\12022004\J602394.raw**

```
L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:42 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:74 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:106 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:138 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:276 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:308 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:345 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:421 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:446 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:471 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:496 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:526 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:556 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:623 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:660 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:702 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:786 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
L:823 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:855 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
L:892 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:929 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
L:966 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:1003 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:1045 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:1077 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:1114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:1151 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:1188 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:1225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
L:1262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
L:1299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
L:1336 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
L:1378 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
L:1420 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:1462 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0
L:1504 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
L:1546 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
```